

Modeling Delays in Pharmacokinetics and Pharmacodynamics using NONMEM

Sunday, October 20, 2019

(8 AM to 5 PM)

Pharmacodynamic Systems with Delays Research Group will present a one day workshop on **Modeling Delays in Pharmacokinetics and Pharmacodynamics using NONMEM**. The course will provide an overview of biological systems exhibiting delays, concepts of lifespan driven pharmacodynamic response, modeling of cell maturation, transduction delays, and nonlinear mixed effect lifespan models. **Delay differential equations (DDEs) will be introduced** and implemented in **NONMEM pre-release version 7.5**. The course will consist of both lectures and hands-on computer exercises. Source code for DDE based PK/PD models and data will be provided to the participants.

Registration Fee: Industry \$700, Academia/Government \$350, Trainee \$175